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BADGER STATE

# SMOKE SIGNALS

SERVING AMATEUR RADIO IN WISCONSIN

Published since 1969 ● Our 40th Year
Single Copy $3.00

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## THE BADGER EMERGENCY NET GOES INTERNATIONAL

On March 8th and 15th the Badger Emergency Net (BEN) was hosted from Mequon, Wisconsin using a Software Defined Radio (SDR by flex-radio.com) and remotely controlled over the Internet from Antigua, Guatemala. Both the host and remote computers were using Windows XP and the Internet connection was made through a cable modem.

We used Skype (skype.com) to make an audio link and patched its speaker and microphone channels into the SDR application. This connection was made in software to avoid degradation of quality.

Next, a video link was made to the host's desktop. We used Real VNC (realvnc.com) to provide both remote video and keyboard control. VNC is a Virtual Network Controller program that provides the remote station with an image and control of a host desktop.

Next, we started a Software Define Radio (SDR) application on the host computer and within a few seconds an image of a radio was displayed at the remote site. The radio appeared complete with buttons and "s" meter, everything needed and expected (and more) of a ham radio. The radio could then be remotely controller with the click of a mouse or stroke of the key as though the remote operator were sitting in front of the host computer. Let the Net begin!

Many of today's radios provide the option of computer control. In the case of an SDR it's just a bit simpler than most to bring up the radio on the computer- it is already there. The SDR avoids the step of first having to get your radio to display and be controlled by your local computer.

The remote operator simply clicks the "push to talk" (PPT) button on the radio image to begin transmission. He can optionally tap the computer space bar to key the transmitter, a handy feature when running a net. While transmitting, the remote operator sees his own audio spectrum and an indication of microphone level. When done transmitting he again clicks the PTT (or taps the space bar) and the SDR switches to receive. The portion of the screen that occupied the microphone switches to an "s" meter and the audio spectrum displays the receive station.

One very useful feature of the SDR for net operation is that the operator can clearly see and discern activity on adjoining frequencies. And with some practice, can identify who is talking because he can see a spectrum of that persons audio band pass in grand detail.

Tom Rehm, K9PIQ

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I'm WD9FRI Tom Wheeler and working with K9PIQ Tom Rehm in Wisconsin. K9PIQ and I have been working with Software Define Radio, which allows me to operate K9PIQ's radio from my computer in Palmyra. We use a program

*(Continued on page 10)*

## D-STAR Repeaters Coming to Madison & Baraboo Wisconsin

Badger State Smoke Signals, Yellow Thunder Radio Club, Baraboo - March 2008 Meeting Minutes Brad, KB9VMC took the floor and discussed the D Star repeater.

Due to antenna configurations and the fact that Brad may not always own the tower in the future, he is trying to come up with a solution that won't cost the club over the $2,000 committed. Brad recommended going to UHF rather than VHF. UHF will present less interference and intermod problems as well as a better configuration with his combining system.

Bob, W9MZ moved that the club go with a UHF D star repeater for which we already have a frequency pair. Motion seconded by Wayne, W9YYZ. Motion carried unanimously.

The Wisconsin ARES/RACES Newsletter, First Quarter 2008 Edition In other news, WeComm, Ltd. has secured a donation of a complete D-Star repeater system (2-meter, 440MHz, 1.2GHz voice and data). Although D-Star voice repeaters are not part of WeComm's strategy, we could not pass on this opportunity.

We are beginning to work with a tower owner in Madison where this system will be installed. It may or may not be interfaced to the WeComm statewide voice network.

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# WHAT'S HAPPENING

**Swapfests and Other Social Events — Club Meetings**
**Amateur Radio Exam Schedules**

**Edited by Kenneth A. Ebneter, K9EN, 822 Wauona Trail, Portage WI 53901 — kenneth.ebneter@verizon.net**

## Swapfests
### And Other Social Events

June 01, 2008. Bureau County Fairgrounds, West Peru Street, (US Routes 6 & 34), Princeton, IL. Starved Rock Radio Club. http://www.qsl.net/w9mks/hamfest.htm Talk-In: 146.955- (PL 103.5). Contact: Frank Carraro, KF9NZ, 2428 East 29th Road, Seneca, IL 61360. Phone: 815-357-1720. Email: starvedrockfest@hotmail.com

June 08, 2008. DuPage County Fairgrounds, 2015 Manchester Road Wheaton, IL. Six Meter Club of Chicago. http://www.qsl.net/k9ona, Talk-In: 146.370/146.970 (PL 107.2) or 146.520. Contact: Joseph Gutwein, WA9RIJ, 6675 South Cass Avenue, Unit 3D, Westmont, IL 60559-3290. Phone: 630-963-4922. Email: wa9rij@arrl.net

July 06, 2008, (SUNDAY new day). Oak Creek, WI, Sponsored by the South Milwaukee ARC. American Legion Post 434, 9327 South Shepard Ave., Oak Creek, WI. Contact (414 762-3235. e-mail ryatex@aol.com

August 03 2008. Bolingbrook High School, 365 Raider Way, Bolingbrook, IL. Illinois State Convention. lingbrook Amateur Radio Society.http://www.k9bar.org. Talk-In: 147.300 +600 (PL 107.2). Contact: Tom Ballard, N9LJY, 19 W 609 Dystrup Avenue, Lemont, IL 60439. Phone: 630-739-3740, Fax: 312-499-7602, Email: tb1301@comcast.net

August 9, 2008 Circus City Swapfest, Sauk County Fairgrounds, Baraboo, WI. Vendors, Tail Gate Area, Concessions, Free Parking, Camping, Door Prizes etc. VE testing. Contact: Steve Schulze, N9UDO at: (608) 356-2313 or n9udo@yellowthunder.org Web site: http://www.yellowthunder.org/swapfest.html (See flyer in this issue)

August 9, 2008, Western Illinois Amateur Radio, Club Eagles Alps 3737 North 5th Street, Quincy, IL http://www.w9awe.org Talk-In: 147.030 (PL 103.5). Contact: Danny Pease, NG9R, Camp Point, IL 62320, PO Box 231, Phone: 217-430-2046 Email: ng9r@arrl.net

August 10, 2008. Hamfesters Radio Club, Will County Fairgrounds, Peotone-Wilmington Road, Peotone, IL. Contact: Mr. Kerry Nelson, AA9SB, 3404 Hazel Lane, Hazel Crest, IL 60429-1612. Phone: 708-335-4574. Fax: 708-335-4574. Email: kw_nelson@earthlink.net http://www.hamfesters.org Talk-In: 146.52 simplex.

September 6, 2008, ORC Ham & Hobby Outdoor Swapfest, Fireman's Park W65 N796 Washington Avenue, Cedarburg, WI Ozaukee Radio Club. http://www.ozaukeeradioclub.org Talk-In: 146.97 (PL 127.3). Contact: Gabe Chido, WI9GC, W58 N985 Essex Drive, Cedarburg, WI 53012. Phone: 262-377-2784. Email: gabe@uwm.edu

September13-14, 2008. Radio Expo 2008, Boone County Fairgrounds, US Routes 20 & 76, Belvidere, IL. Chicago FM Club. http://www.chicagofmclub.org Talk-In: 146.76 (PL 107.2); 147.255+ (PL 114.8); 444.725+ (PL 118.8)Contact: Mike Brost, WA9FTS, 5127 North Monterey Avenue, Norridge, IL 60706. Phone: 708-457-0966. Fax: 708-457-0966. Email: mike2006@comcast.net

September 19-20, 2008. W9DXCC Convention. Holiday Inn, 1000 Busse Road, Elk Grove Village, IL. Northern Illinois DX Association. http://www.w9dxcc.com Talk-In: 147.36. Contact: Bill Smith, W9VA, 2635 Crestwood Lane, Riverwoods, IL 60015. Phone: 847-945-1564. Fax: 847-945-6554. Email: w9va@aol.com

September 20-21, 2008. Peoria Superfest 2008. Exposition Gardens, 1601 West Northmoor Road, Peoria, IL. Peoria Area Amateur Radio Club. http://www.peoriasuperfest.com Talk-In: 147.075 + (PL 103.5). Contact: John Coker, N9FAM, 133 Vonachen Court, East Peoria, IL 61611. Phone: 309-369-7428. Email: n9fam@arrl.net

Nov 15-16, 2008, Indiana State Convention (Fort Wayne Hamfest & Computer Expo). Allen County War Memorial Coliseum, 4000 Parnell Avenue, Fort Wayne, IN. Allen County Amateur Radio Technical Society. http://www.fortwaynehamfest.com Talk-In: 146.88 (-). Contact: James D. Boyer, KB9IH, PO Box 10342, Fort Wayne, IN 46851-0342. Phone: 260-579-2196. Email: chairman@fortwaynehamfest.com

Further information about hamfests in the area can be found at bsss.org or at http://www.arrl.org/hamfests.html If your organization is sponsoring a Hamfest/Swapfest and would like us to list your event, please send the information to Ken Ebneter, K9EN at the address on page 2 or o k9en@arrl.net

**Check us out on the web at http://www.bsss.org**


# Badger State Smoke Signals

***Amateur Radio Education and Information***

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**EDITORIAL BOARD:** Ken Ebneter, K9EN; Don Evenson, K9JYX.

### Subscription Rate

1 year (6 issues—bi-monthly) $13.95

A subscription form is in this issue. Special club package reduced rates are available. For information, contact Ken Ebneter, K9EN.

### When to Send It

**The closing date for each issue is the first of the month before the issue date.** For example, the closing date for the May issue is April 1. The only exception is for participating clubs' minutes. Participating clubs are requested to send their material no later than FIVE DAYS after the club's meeting. For example, if a club meets on the 4th of the month, the material should be sent no later than the 9th of that month. This material is to be sent to the Editor.

### Where to Send It

Address changes and corrections, and exchange papers should be sent to Ken Ebneter.

Editorial material, photographs, and feature articles should be sent to Ken Ebneter, K9EN.

Web page material should be sent to kb9csw@arrl.net Dave Spearing, KB9CSW

Inquiries about advertising should be directed to Ken Ebneter.

Club, swapfest, and Test Point information should be sent to Ken Ebneter.

**Swapfest ADS should be sent to Ken Ebneter, K9EN no later than eight weeks before the events date.**

Subscriptions should be sent, with check or money order, to Ken Ebneter.

**Conditions for Reprinting or BBS Posting Material from Badger State Smoke Signals**

Permission is hereby granted to reprint articles or posting articles on radio or telephone bulletin boards from *Badger State Smoke Signals*, providing credit is given to the original author, publication in which the article first appeared, and to *Badger State Smoke Signals*.

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### Editorial Disclaimer

The opinions expressed in editorials, guest editorials, columns, articles, and letters from readers are the opinions of the authors only, and do not, unless otherwise stated, express or imply endorsement by *Badger State Smoke Signals*, or by any other individual or organization.

# CLUB MEETINGS

Appleton
FOX CITIES AMATEUR RADIO CLUB Meetings: Third Mondays, 7:00PM., Goodwill Community Center, 1800 S. Appleton Road, Menasha, WI. Information: Brian Long KB9LRD fcarc@w9zl.org Website: http://www.fcarc.us

Baraboo
BADGERLAND AMATEUR TELEVISION SOCIETY (BATS) Check BATS Web page: http://www.shopstop.net/BATS/

Baraboo
YELLOW THUNDER AMATEUR RADIO CLUB Meetings: See the YTARC column elsewhere in this issue for meeting times and locations. For further information: http://www.qsl.net/ytarc.

Dubuque, IA
GREAT RIVER AMATEUR RADIO CLUB Meetings: First Monday of each month, 7 p.m. at the Red Cross Center, 2400 Asbury Road. The club serves the tri-state area. On the Web: http://www.qsl.net/wb0lob/. Information or questions to: N0hdc@aol.com.

Eau Claire
EAU CLAIRE AMATEUR RADIO CLUB Meetings: 2nd Tuesday - 7 p.m., Eau Claire Parks & Recreation, 1300 First Ave., Eau Claire, WI 54703. All hams and guests welcome. W9EAU repeater 146.91 MHz, tone 110.9 Hz. Information: Jim Staatz, KG9RA, President, P.O. Box 1867, Eau Claire, WI 54702-1867. Phone (715) 838-9108, Email kg9ra@ecarc.org. Web page: http://www.ecarc.org

Fond du Lac
FOND DU LAC AMATEUR RADIO CLUB Meetings: Second Monday at Moraine Park Technical College, Fond du Lac, WI. Time: 7 p.m. Sunday net: 7:30 p.m. CDT, K9IA repeater, 145.430 - PL 107.2 Information: Jack Heil, KG9IN, 920.922.1413. Email: kg9in@fdlhams.org Web: http://www.fdlhams.org.

Fort Atkinson
TRI-COUNTY AMATEUR RADIO CLUB second Thursday monthly except June to August, 7 p.m., at Dwight Foster Public Library in Fort Atkinson. ARES Net each Wednesday evening at 8 and club net Monday evenings at 8 on 145.49 repeater. Contact: Paul Marowsky, KD9PM, 920-674-4968., or John Satterlee, WA9SAB, 920.563.6381.

Grafton
Ozaukee Radio Club (ORC) Second Wednesday of each month at 7:30 p.m. Grafton Multipurpose Senior Center, 1665 7th. Ave., Grafton, Wisconsin www.qsl.net/orc/.

Green Bay
GREEN BAY MIKE AND KEY CLUB Meetings: Second Thursdays, 7:30 p.m., Media Services area of J. M. Science Building at St. Norbert College in DePere. Information: Kevin at kb9sne@yahoo.com.

Green Lake
GREEN FOX AMATEUR RADIO CLUB Greater Green Lake County area. Meetings: Third Mondays, 7:30 p.m., Green Lake Town Hall, intersection of County Highways K and N.

Houghton, MI area:
The CCRAA is the "Copper Country Radio Amateur Association" and they hold meetings the first Tuesday of each month at the Dollar Bay Fire Hall. Summer meetings (June, July, August, and September) are held at the CCRAA Clubhouse in Osceola (2 mi. S. of Calumet, MI)

**Hudson**
**St. CROIX VALLEY RADIO AMATEURS: Meetings: Third Monday of every month at 7:15 pm or immediately following the nets which begin at 7:00 pm. A short business meeting is held followed by a program. The club meets at the St. Croix County Emergency Government Center, 1101 Carmichael Road, Hudson WI. All are welcome! Talkin and ARES/RACES repeater: 145.130 MHz, PL tone 110.9. The ARES/RACES net is held every Monday evening at 7:00 pm immediately followed by the St. Croix Valley Friendly Net also on 145.130. All check-ins are welcome. Web site: www.pressenter.com/~scvra/. Club repeater: 147.33 PL tone 110.9. For additional information contact: Lou Greub, WB9PVA, Secretary. e-mail: l.greub218pressenter.com**

**Hams and anyone interested in amateur radio invited to Saturday morning breakfasts (Dutch treat) at 7:45 AM. Location occasionally changes. Contact Connie, KC9GYM, E-mail: <mailto:hellothere@pressenter.com>hellothere<mailto:hellothere@pressenter.com>@pressenter.com or phone (715) 386-2714 for current week's location. Informal information exchange or discussion group meetings usually held every Thursday evening at the Hudson, WI City Library, 911 4th St., 6:30 - 8:30 PM., room 212. Contact Connie for specific information.**

Juneau
ROCK RIVER RADIO CLUB Meetings: First Tuesdays, 7:30 p.m., Dodge County Administration Building, 127 East Oak Street, Juneau, WI. ARES Nets: 146.64 (-600) Mondays, 7:30 p.m., Saturdays, 7278 KHZ, Alternate in 3.947 at 10:00 AM. & Wednesday, 1908 KHZ 8:00 PM, Wintertime.

La Crosse
Riverland Amateur Radio Club Meeting: First Tuesday. Gundersen Clinic, 1900 South Ave., La Crosse, WI. Basement Conference Room 1. Meeting at 7:00p.m. More information: http//www.qsl.net/wr9arc E-mail wr9arc@qsl.net Sunday night net at 8:00 pm on 146.970. Wednesday morning breakfast at 8:00 am at Ardie's restaurant. Friday lunch at Hooters in downtown La Crosse. http://rarc.qth.com E-mail: wr9arc@rarc.qth.com

Madison
SPACE PLACE AMATEUR RADIO CENTER No meetings. Located on U.W.-Madison campus. Guest operators are welcome to operate the U.W. Space Place Amateur Radio Station, N9UW. Information: Don Michalski, W9IXG, President, (608) 263-4685. Email: n9uw@sal.wisc.edu.

Madison
BADGER AMATEUR RADIO SOCIETY University of Wisconsin - Madison/W9YT Meetings: Third Mondays at 7:00 p.m. in UW Union South. Room number posted on the Today in The Union board. Information: Don Michalski, W9IXG, (608) 263-4685. Email: w9ixg@arrl.org. Web: http://www.qsl.net/w9yt.

Madison
Madison DX Club, meetings are on every fourth Tuesday of each month; see http://madisondxclub for more details.

Madison
FOUR LAKES AMATEUR RADIO CLUB Meetings: Third Tuesdays, 7:30 p.m., Red Cross Building, 4860 Sheboygan Avenue, Room C, downstairs. First building west of Hill Farms State Office Building.

Manitowoc
MANITOWOC COUNTY RADIO AMATEURS (ManCoRad) Second Wednesday of each month. Club board meets at 6:30 p.m., and Regular meeting is at 7:30 p.m., at 1105 Fleetwood Drive, 2nd floor (Old County Shop building on northwest side of city.) For Additional information please see our club web-site www.w9dk.com or contact Fred Neuenfeldt, W6BSF, (920) 682-9312. Email: fredandpat@lakefield.net

**Marinette WI**
**Menominee MI**
**Amateur Radio Club Meetings held second Thursday 7:00PM each month Spies Public Library, Menominee, MI Menominee Michigan in the basement. Guests welcome. Website: http//w8pif.com**

Medford
Black River Amateur Radio Association Meetings: Normally the first Thursday of each month. Usual meeting time is 7 PM. Most meetings are held at the Taylor County Courthouse. Directions: Those attending should park in the main courthouse parking lot on the east side of the building, and enter using the main courthouse entrance or the sheriff's dept. entrance. Proceed to the lower level of the courthouse using the stairs or elevator. We meet in the "break room" on the lower level, near the Emergency Government office. Talk-in on the 147.15 repeater (114.8 Hz PL, +600 kHz offset) and 146.52 MHz simplex. Contact: Mike Schoenfuss, N9GHZ, P.O. Box 401, Abbotsford, WI 54405. Phone: (715) 223-3996.

**Menomonee Falls**
**WISCONSIN AMATEUR RADIO CLUB, INC. Meetings: Last Wednesdays at the Germantown police department in Germantown. Doors open 7 p.m. Meeting time: 7:30 p.m. Guests are welcome!**

Menomonie WI
Saturday coffee at Burger King, 544 Main Street, at 9 a.m. Social hour on 4th Tuesdays at 7:00 p.m. at the Depot, 2616 Hills Court, north of Wal-Mart on highway 25 North, in January, March, April, and September through November. Guests welcome!

Milwaukee
GREATER MILWAUKEE DX ASSOCIATION Meetings: Fourth Monday of month, 7:30 p.m. Contact any GMDXA member, or Gary Schwartz, K9GS, (262) 363-4439. Email: garyk9gs@arrl.net.

**Milwaukee**
**MILWAUKEE RADIO AMATEURS CLUB Meetings: Last Thursdays, 7:00 p.m. Redemption Lutheran Church, 4057 North Mayfair Road, Wauwatosa, WI. Mailing address: P.O. Box 070695, Milwaukee, WI 53207-0695. Phone 414-332-MRAC. e-mail w9rh@arrl.net Web: http://www.w9rh.org . Email: w9rh@arrl.net.**

Northeast Area
NORTHEAST WISCONSIN DX ASSOCIATION Meetings quarterly: April 28, Marinette; August 25, Fox Valley; November 10, Green Bay. For specific information about meetings, check http://home.new.rr.com/newdxa/. Contact us at w9dxa@arrl.net.

Oak Creek
SOUTH MILWAUKEE AMATEUR RADIO CLUB Meetings: First Wednesdays, Legion Post #434, Shepard Ave., Oak Creek, WI. In March and October the meetings are turned into Auction Nights.. The club WEB site is ww.qsl.net/wa9txe

Onalaska (see La Crosse)

QCWA Chapter 55
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Wisconsin Chapter 55 meets the first Saturday of June and October. For information about Chapter 55, contact Ron Yokes, W9BCK, Secretary, 612 N. Pt Washington Road, Grafton, WI 53024-9703. (262) 375-1774. mailto:rryokes@execpc.com.

QCWA Chapter 162
QUARTER CENTURY WIRELESS ASSOCIATION (QCWA) Southeastern Wisconsin Chapter 162. Meetings: Third Monday in January, March, May, July, September, and November, 7:30 p.m., usually at Meadows Restaurant, Franksville, WI. Social events: Third Sundays in February, April, June, August, and October. Christmas party: Usually second or third Sunday in December.

**QCWA Chapter 219**
**QUARTER CENTURY WIRELESS ASSO-**

*(Continued on page 7)*

# Wisconsin Nets Association Ltd.

Dean R. Herriges, KB9ROB, Secretary
W370 S9590 Highway 67 ● Eagle, WI 53119

# WISCONSIN NETS

| Net | WNA | Freq. | UTC | CDT | Manager |
|---|---|---|---|---|---|
| BWN | YES | 3985 | 1100 | 0600 | W9IXG |
| BEN | YES | 3985 | 1700 | 1200 | KE9VU |
| WSBN | YES | 3985 | 2215 | 1715 | K9FHI |
| WNN | YES | 3555 | 2300 | 1800 | KB9ROB |
| WSSN | YES | 3555 | 2330 | 1830 | N9JIY |
| WIN/E | YES | 3555 | 0200 | 1900 | WB9ICH |
| WIN/L | YES | 3555 | 0500 | 2200 | W9UW |
| RCRA | NO | 01/61 | 0030 | 1930 | KA9OMC |
| | (Mondays CDT— Menomonie Area) | | | | |
| Green Bay Area | NO | 72/12 | 0245 | 2145 | WB9NRK |
| ARES | NO | 4.65/5.25 | 0200 | 2100 | |
| | (South East/South Central Wisconsin) | | | | |
| ARES/RACES (WRACES) | NO | 3997.5 | 2300 | 1800 | N9VAO |
| | (Sundays) | | | | |

## Wisconsin Section STM Report

### STM Report
### Wisconsin Section
### March 2008

FAQ # 80 – What's this "famous pink card" traffic handlers are always talking about? Where did it come from? Who developed it? How does it help? Can I get one for my own? Why is it pink?

You ask a lot of questions. Luckily, we have answers, and that's exactly what's on the pink card. The ARRL has offered operating aid FSD-218 (the pink card) for years to assist in traffic handling and net operations. Although it's available on the Internet, the pink card format is no longer in stock at ARRL HQ. Don't panic. Through the efforts of our recently-reelected Section Manager, W9IXG, this excellent operating aid has been updated for our section and made available in the famous pink card format once again. It's a great reference for those who don't handle a lot of traffic, for training of new hams, and for inclusion with local emergency activation plans.

On one side of the card you will find a clear example of how every formal radiogram should be formatted, including each of the essential parts and notes on each one. You will find a list of the *precedences* and *handling instructions*, too. The other side of the card lists the international Q signals, QN signals for CW nets, and abbreviations, prosigns, and prowords. Knowing these standard procedural words truly makes traffic handling much more efficient.

You can get a card from the SM, W9IXG, at any Hamfest, from your Section Traffic Manager, K9LGU, by mail, or copies for your entire group with an accompanying presentation on the National Traffic System. And the color? It's not only easy to spot around the shack or when you're mobile. When it comes to traffic, it will keep you "in the pink." (How could I resist?).

73 – K9LGU/ STM-WI

### April 2008

FAQ # 81 – How do we get Field Day points for traffic handling? Yes, it's time to start Field Day plans. There are two ways to earn points by traffic handling. You can earn 100 bonus points for origination of a National Traffic System (NTS) style formal message to the ARRL Section Manager (W9IXG) or Section Emergency Coordinator (KB9ENO) by your group from its site. Be sure to follow NTS format (Remember the pink card?). In the text, you should include the club name, number of participants, Field Day location, and number of ARES operators involved with your station. Send it. 100 points!

If you originate, receive, or relay ten messages in addition to the one you send to the SM or SEC, you can earn ten points per message up to another 100 bonus points. Keep some radiogram blanks handy for visitors and get their messages into the National Traffic System during the FD period.

If some of your new operators haven't handled formal traffic, this is a perfect chance. Not only will the standard section nets be available at their usual times, but the CW nets will monitor 3555 starting a little early each session and will run until all FD traffic has been cleared – so at least your message will be sent from your FD site and your team will get

*(Continued on page 7)*

**Check us out on the web at http://www.bsss.org**

## WISCONSIN SECTION STATION ACTIVITY

### MONTHLY NET ACTIVITY SUMMARY
### MARCH 2008

| NET | QNI | QTC | QTR | SSNS | NM |
|---|---|---|---|---|---|
| BWN | 2219 | 3075 | 6071 | 31 | W9IXG |
| BEN | 573 | 74 | 1131 | 31 | WD9FLJ |
| WSBN | 650 | 58 | 1048 | 31 | KB9KEG |
| WNN | 190 | 6 | 306 | 26 | KB9ROB |
| WSSN | 154 | 18 | 289 | 30 | N9JIY |
| WIN/E | 158 | 44 | 297 | 31 | WB9ICH |
| WIN/L | 132 | 55 | 277 | 31 | W9UW |
| WRACES | 130 | 0 | 277 | 5 | N9VAO |
| TOTALS | 4206 | 3330 | 9696 | 216 | |
| MWCRN | 296 | 106 | 614 | 5 | WA9ZTY |

### APRIL 2008

| NET | QNI | QTC | QTR | SSNS | NM |
|---|---|---|---|---|---|
| BWN | 2143 | 2845 | 5830 | 30 | W9IXG |
| BEN | 572 | 68 | 1100 | 30 | WD9FLJ |
| WSBN | 598 | 52 | 1009 | 30 | KB9KEG |
| WNN | 154 | 8 | 280 | 22 | KB9ROB |
| WSSN | 170 | 11 | 296 | 29 | N9JIY |
| WIN/E | 142 | 29 | 226 | 26 | WB9ICH |
| WIN/L | 137 | 42 | 291 | 30 | W9UW |
| WRACES | 115 | 0 | 272 | 4 | N9VAO |
| TOTALS | 4031 | 3055 | 9304 | 201 | |

### P S H R SUMMARY
### March 2008

| CALL | 1 | 2 | 3 | 4 | 5 | 6 | T |
|---|---|---|---|---|---|---|---|
| KB9KEG | 40 | 40 | 30 | 175 | 0 | 10 | 295 |
| WD9FLJ | 40 | 31 | 20 | 60 | 0 | 0 | 151 |
| AG9G | 40 | 40 | 20 | 20 | 0 | 0 | 120 |
| K9LGU | 40 | 40 | 30 | 10 | 0 | 0 | 120 |
| W9RSX | 40 | 31 | 10 | 0 | 0 | 0 | 81 |

### April 2008

| CALL | 1 | 2 | 3 | 4 | 5 | 6 | T |
|---|---|---|---|---|---|---|---|
| KB9KEG | 40 | 40 | 30 | 155 | 0 | 10 | 275 |
| K9LGU | 40 | 40 | 30 | 65 | 0 | 0 | 175 |
| WD9FLJ | 40 | 36 | 20 | 65 | 0 | 0 | 161 |
| AG9G | 40 | 40 | 20 | 25 | 0 | 0 | 125 |
| W9RSX | 40 | 21 | 10 | 0 | 0 | 0 | 71 |

### STATION ACTIVITY SUMMARY
### March 2008

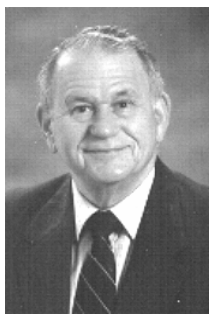
| STATION | ORIG | RCVD | SENT | DLVD | TOTAL |
|---|---|---|---|---|---|
| KA9EKG | 49 | 648 | 592 | 30 | 1319 – BPL |
| K9LGU | 0 | 58 | 66 | 2 | 126 |
| KB9KEG | 3 | 28 | 37 | 3 | 71 |
| AG9G | 0 | 4 | 64 | 0 | 68 |
| KB9ROB | 0 | 31 | 5 | 10 | 46 |
| K9FHI | 0 | 0 | 34 | 0 | 34 |
| WD9FLJ | 0 | 26 | 3 | 2 | 31 |
| W9RTP | 0 | 8 | 21 | 2 | 31 |
| K9GU | 0 | 0 | 28 | 0 | 28 |
| W9UW | 0 | 20 | 7 | 0 | 27 |
| WB9ICH | 0 | 11 | 2 | 0 | 13 |
| KN9P | 2 | 2 | 2 | 2 | 8 |
| W9PVD | 0 | 0 | 1 | 0 | 1 |

### April 2007

| STATION | ORIG | RCVD | SENT | DLVD | TOTAL |
|---|---|---|---|---|---|
| KA9EKG | 47 | 702 | 681 | 34 | 1464 - BPL |
| K9LGU | 2 | 45 | 57 | 0 | 104 |
| AG9G | 0 | 12 | 59 | 0 | 71 |
| WD9FLJ | 0 | 28 | 6 | 2 | 36 |
| W9BHL | 0 | 2 | 34 | 0 | 36 |

*(Continued on page 10)*

# The Computer Corner



by Stan Kaplan, WB9RQR
715 N. Dries Street
Saukville, WI 53080-1664
(262) 268-1949
skaplan@mcw.edu

## No. 143. Is Your Hard Drive SMART?

I bet it is! Back a while ago, the major hard drive manufacturers got together and made a set of (sort of) standards that they would (sort of) follow. They called it **S**elf-**M**onitoring, **A**nalysis and **R**eporting **T**echnology, or **SMART** for short. Since then, virtually every hard drive manufacturer follows the (sort of) standards. What are they, and what do they mean to you?

When a hard drive is running, the logic board on the bottom of every drive monitors events that occur in the drive. It records those events, and even reacts to them to correct errors – unwanted occurrences that might have unwanted consequences. In other words, modern hard drives have a limited ability to fix themselves – on the fly. Even more important, some of the data they record can be used to predict when the hard drive will fail, down to the day and minute! While not perfect in their predictions, it can give you a "heads up" to back up your data and to think about shopping for a replacement before the failure occurs.

There are a whole bunch of (free) programs that will read the SMART data on your hard drive and report to you. For example, System Information for Windows (SIW, http://www.gtopala.com/) will show SMART data as well as everything else about your machine, and it is an excellent freebie. However, my favorite for this particular task is Disk Checkup (http://www.passmark.com/products/diskcheckup.htm). This will check all your hard drives and even record the data with date and time, so you can run it periodically and see if anything is changing for the worse.

Now, be prepared. The data is not easy or intuitive to interpret! Clearly, hard drive engineering geeks designed SMART data reporting, and far be it from normal human beings to be able to decipher the all the data that is shown! However, the data shown by Disk Checkup is presented in a clean way, and that makes the job of figuring out what is going on the easier. Further, there is a handy STATUS column that simply shows OK when there are no problems.

First and foremost, the **Status** column shows OK throughout, and the **TEC** column (predicted date and time of the **T**hreshold **E**xceed **C**ondition, or "geek speak" for catastrophic failure) shows N.A. (**N**ot **A**pplicable, since everything is OK). All that is good, and shows no indication that the drive is about to fail. Most people will look at the Status and TEC columns, and nothing else. Beyond that, the numbers get really geekie!

For example, a zero in the Threshold column means that the manufacturer is providing this row of data for informational purposes only – it has nothing to do with reliability of the drive. The Value column has a number that is better, the larger it is. Unfortunately, this normalized number can be between 1 and 100 in some cases, and 1 and 200 in other cases, depending upon the manufacturer! The Worst column is the lowest value that has ever been recorded for this attribute, showing the moment when the drive was closest to falling below the threshold (except for temperature, when it was the highest number ever recorded). By the way, the Temperature (row C2) was the temperature in C ° at the time this data was recorded (46°C, or 115°F). The Raw Value of Spin Up Time is the average time (2.391 seconds) to spin up to an operational state from a stopped state. Start/Stop Count is the actual number of times the drive has been started up from an off state or from a suspended state, while the Power Cycle Count is just the times the drive has been turned on. Obviously, this drive has been turned on 284 times, and was started from a suspended state once, for a total of 285.

Now, the Power On Time is supposed to be the total number of hours this drive has been on. However, I don't believe it! If the drive has truly been on for 145,356 hours, that computes to 6,057 - 24 hour days, or almost 17 years. Not likely! Maybe this manufacturer is showing the number of minutes it has been on, in which case, the total would be 101 days. More like it. I just do not know.

Anyway, you see what I mean. Perhaps there should be a column for Geek Rate, in which case all the cells in it should be rated 1,000.

On the other hand, the Reallocated Sector Count relates to a truly amazing attribute of modern drives. Every drive contains a batch of spare sectors, often 512 of them, that are not normally used – nothing is normally written to them and they are not available for use by the owner. These are silently remapped on the fly. For example, if the drive finds it cannot read a sector because of damage to the platter surface in that area or whatever, it will mark that sector as unusable and take a spare out of the pool to replace it. Now that is truly smart! Anyway, if the raw value of the Reallocated Sector Count is anything other than zero, those numbers of sectors have been swapped into use to replace bad ones. In the case of my drive, the Value is 200 and the Worst is 200, both of which are much higher than the Threshold of 140. If the Value and Worst drop to 180, the drive is still usable and may not fail in the near future, but it will pay to watch it. I think that remapping of spare sectors is a clever and highly useful thing! Hard drives truly fix themselves!

Notwithstanding the difficult-to-interpret data (and Disk Checkup simply shows what is there – it does not create the numbers), it is still of some value to you and me in giving us a "heads up" before something goes wrong. It is nice to know that our hard drives are perking along with no imminent disasters lurking to hit us next month. On the other hand, when that snowplow goes by outside and vibrates the whole house, causing the hard disk heads to vibrate just a smidge while you are working on an Excel spreadsheet … you just never know! Happy Computing!

Stan Kaplan, WB9RQR

Here is the SMART data for one of the two drives in my main computer – a 38 GB Western Digital. This is my C: drive.

| ID | Description | Raw Value | Status | Value | Worst | Threshold | TEC |
|---|---|---|---|---|---|---|---|
| 1 | Raw Read Error Rate | 0 | OK | 200 | 200 | 51 | N.A. |
| 3 | Spin Up Time | 2391ms | OK | 100 | 100 | 21 | N.A. |
| 4 | Start/Stop Count | 285 | OK | 100 | 100 | 40 | N.A. |
| 5 | Reallocated Sector Count | 0 | OK | 200 | 200 | 140 | N.A. |
| 7 | Seek Error Rate | 0 | OK | 200 | 200 | 51 | N.A. |
| 9 | Power On Time | 145356 | OK | 1 | 1 | 0 | N.A. |
| A | Spin Retry Count | 0 | OK | 100 | 100 | 51 | N.A. |
| B | Calibration Retry Count | 0 | OK | 100 | 100 | 51 | N.A. |
| C | Power Cycle Count | 284 | OK | 100 | 100 | 0 | N.A. |
| C2 | Temperature | 46 C | OK | 97 | 16 | 0 | N.A. |
| C4 | Reallocation Event Count | 0 | OK | 200 | 200 | 0 | N.A. |
| C5 | Current Pending Sector Count | 0 | OK | 200 | 200 | 0 | N.A. |
| C6 | Uncorrectable Sector Count | 0 | OK | 200 | 200 | 0 | N.A. |
| C7 | UltraDMA CRC Error Count | 0 | OK | 200 | 200 | 0 | N.A. |
| C8 | Write Error Count | 0 | OK | 200 | 200 | 51 | N.A. |

ATTRIBUTES: Western Digital 38162 MB Drive 06Jan08 Disk Checkup V2.1 Build 1001

**Check us out on the web at http://www.bsss.org**

# WISCONSIN SECTION MANAGER REPORT

**MARCH 2008**

WISCONSIN: SM: Don Michalski, W9IXG. BWN 3982.5 0500-0715 W9IXG. BEN 3985 1200 WD9FLJ. WSBN 3985 1715-1800 KB9KEG. WNN 3555 1800 KB9ROB. WSSN 3555 1830 N9JIY. WIN-E 3555 1900 WB9ICH. WIN-L 3555 2200 W9UW. (All times are Central time)

Regretfully, I am informing you of the passing of these Wisconsin Amateurs:

Bill Brossmann, W9EQP, 99. Bill was first licensed in 1927 and was a net control of the Milwaukee-Florida net.

LaMont Struxness, WB9DXL, 54.

Wilfred Wisner, KB9MPE, 92.

Robert "Rob" Hummel, WA9ZTY, 55. Rob was a member of WARC.

Richard Dailey, W9IBL, 74. Rich was a member of WARC and a former Emergency Coordinator.

Elwin Martin, KC9IVY, 57.

Through a memorial gift to ARRL you can honor the life or contributions of a family member or friend for whom Amateur Radio has been a passion. http://www.arrl.org/development/memorial.html#top

NOAA Weather Radio (NWR) is fast becoming a method for release of not only up-to-date weather information but also for release of "all-hazards" information as well. Like smoke alarms, every building should have at least one all-hazards alert monitor (commonly called a weather radio) in it. For additional information, visit http://www.weather.gov/nwr/ Tom Kucharski, W9TJK, Assistant Section Emergency Coordinator for National Weather Service tjkuch@execpc.com

ARRL brochures-- Many times I am asked if I can provide ARRL brochures, as seen at the ARRL Hamfest table, to support club events. Section Managers only have enough hand outs to support hamfests so the ARRL has set up a way for clubs or individuals to request material direct from ARRL. Go to this site: http://www.arrl.org/brochures/ to request brochures, exhibit kits, etc.

USS Cobia Submarine MUSEUM SHIPS WEEKEND 2008

NB9QV 'USS COBIA' club and W9DK Mancorad club of Manitowoc, WI. will be operating from aboard the WWII Memorial Submarine 'USS COBIA AGSS-245 celebrating the Museum ships weekend June 7 & 8 where all current Museum ships will be on the air with activity.

Dates: June 7th and 8th 2008. Time: 1400utc-2200utc (9am to 5pm CST). Operating freq's: 30khz: 3.900, 7.250, 14.260 SSB and some 20-40M CW using the original radio equipment. Echolink KC9JGE on the 145.110 repeater during this event. Local Mancorad repeater 146.610 (-) pl 107.2. Web link: http://www.w9dk.com/html/uss_cobia.htm Contact: Carl, KA9WYK, ka9wyk@hotmail.com

We need your help to update the Wisconsin Nets Listing that is posted on the Wisconsin site under Traffic Handling. http://www.wi-aresraces.org/w9ixg/winets.htm We think that many of these nets no longer exist and others are now active in your area but may not be listed. So, if you could please review the listing and provide Denny, K9LGU, k9lgu@arrl.net with revisions we would really appreciate it! Thank you!!

It was great to see a good turnout at the Ozaukee Radio Club's Swapfest. Thanks, again, to Tom Ruhlmann, W9IPR, for hosting the President's Roundtable meeting and for Dan Vanevenhoven, N9LVS, Affiliated Club Coordinator, for attending and providing useful information to the participants. Forums are great things to have at hamfests and we encourage clubs to do more of them.

73, Don, W9IXG

**APRIL 2000**

WISCONSIN: SM: Don Michalski, W9IXG, SEC: KB9ENO, STM: K9LGU, SGL: AD9X, OOC: KC9IS, PIC: KB9NUM, TC: K9GDF, BM: WB9NRK, ACC: N9LVS ASMs: K9UTQ, W9DGI, N9VE, KG8CX.

Regretfully, I am informing you of the passing of these Wisconsin Amateurs:

Sue O'Rell, N9NTA, 61.

Harvey Baalke, W9HNX, 100.

Carl Searing III, KW9W, 53. Carl was a member of the Eau Claire ARC.

Ralph Ballinger, N9ECS, 84. Ralph was a member of the Fox Cities ARC.

Bruce Walther, W9QAH, 76. Bruce was a member of Eau Clair ARC.

Michael Howe, KB9JFL, 57.

Field Day is coming up! And NOW is the time to prepare for it! Don't wait until the final weeks and expect that you will be able to get people to act on a moment's notice. The 2008 Field Day package is up on the web. While it is hard to write a specific press release months ahead of the event, the package includes the first of what will be several releases and more timely materials made available as we get closer to this event. To see all the FD materials already available, go to www.arrl.org/contests/announcements/fd/

Field Day Proclamations Getting a proclamation is a good way to pull in the politicians. They LIKE to do it (good PR for them) and we like to get them (good relationships and a door-opener for us). But often politicians are at a loss of what to write in a proclamation.

Remember -- getting a proclamation takes time. Politicians usually move slowly, so plan weeks ahead. Start NOW! People to ask are: Mayors, Governor, Emergency Management leaders, city councilmen.

Here's text with a fill-in-the-blank draft of some text you can use. Modify it for your local situation and don't be afraid to ask your mayor, manager or other elected official to make it "official."

_____

Whereas, Amateur Radio has continued to provide a bridge between peoples, societies and countries by creating friendships and the sharing of ideas; and

Whereas, Amateur Radio Operators have also provided countless hours of community services; and

Whereas, these Amateur Radio's services are provided wholly uncompensated; and

Whereas, the State also recognizes the services Amateur Radio's people also provide to our many Emergency Response organizations, including FEMA, DHS, _____add local and gov't served agencies_____; and

Whereas, these same individuals have further demonstrated their value in public assistance by providing free radio communications for local parades, bike-a-thons, walk-a-thins, fairs and other charitable public events; and

Whereas, the ___state/city_____ of _____ recognizes and appreciates the diligence of these "hams" who also serve as weather spotters in the Skywarn program of the National Weather Service; and

Whereas, Amateur Radio once again proved its undisputed relevance in the modern world by providing emergency communications when other systems failed in the devastation of Hurricanes Katrina and Rita and Northwest Storms plus many smaller crises; and

Whereas, the ARRL is the leading organization for Amateur Radio in the USA; and

Whereas, the ARRL Amateur Radio Field Day exercise will take place on June 28-29, 2008 and is a 24 hour emergency encampment exercise and demonstration of the Radio Amateurs' skills and readiness to provide self-supporting communications even in fields without further infrastructure; now

Therefore, I ____name_____, _____title_____ of the ____place_____, do hereby officially recognize and designate June 23-29, 2008 as

Amateur Radio Week In the ____place_____

Signed

Seal

_____

It was great to see good turnouts at the ECARC Auction, the TCARC Hamfest, and AES Superfest! Our thanks to the Wisconsin Amateurs who support these events! Check the Wisconsin site for upcoming events! 73, W9IXG

ARRL Wisconsin Section
Section Manager:
Donald E. Michalski, W9IXG
w9ixg@arrl.org

**Check us out on the web at http://www.bsss.org**

# CLUB MEETINGS

*(Continued from page 3)*

**CIATION (QCWA) NorthEastern Wisconsin-Upper Peninsula of Michigan (NEW-UP) Chapter 219 meets 4 times per year. Chapter 219 net on 3825 at 2200Z (2100Z during daylight time) the first Saturday of the month. Jim Callow, K8IR, Secretary, 1821 15th Ave., Menoninee, MI 49858. jcallow@k8ir.com**

Racine
LAKESHORE REPEATER ASSOCIATION Meetings: Last Tuesday, January, April, July, October. American Red Cross Building, 4521 Taylor Ave., Racine, WI.

**Racine**
**RACINE MEGACYCLE CLUB Meetings: Second Mondays, 7:30 p.m., American Red Cross Building, 4521 Taylor Ave., Racine, WI. For a Map: http://www.w9udu.org/rmcmap.gif**

Sheboygan
SHEBOYGAN COUNTY AMATEUR RADIO CLUB Meetings: Second Tuesdays. 7 p.m., Sheboygan County Red Cross/Boy Scout Building, 2032 Erie Avenue.

Shell Lake
Northland ARC meetings are held the first Saturday of each month after breakfast. Location: Schmitz's Economart Deli. Located on US Hwy.63 on the south end of Spooner. The meeting will start at approx. 8:00 AM. Breakfast usually starts by 7:30 AM. Come and see what we're about. Anyone, even if you're licensed or not and has an interest in ham radio is welcome to attend! Next Meeting: Sept 4th, 2004 at 8:00 AM. So Please plan to attend!!!!! http://home.centurytel.net/NorthlandARC/.

Stevens Point
CWRA Ltd./UWSP ARC Meetings second Wednesday. of each month at 7:30 pm. Science Building on the UW-Stevens Point Campus, Room A107, Stevens Point, WI. Email: jglas776@uwsp.edu. Webpage: www.qsl.net/wb9qfw.

Superior
ARROWHEAD AMATEUR RADIO CLUB. Meetings on the second Thursday of each month at 7:00 pm at the Secondary Technical Center. The address is: 802 East Central Entrance - Duluth, MN 55811. The board meetings are held on the first Tuesday of the month at 7:00pm.

W.A.R. WISCONSIN ASSOCIATION OF REPEATERS
Quarterly meetings of the Wisconsin Association of Repeaters are held at various locations around the State in March, July and November. Check the WAR web page for meeting announcements and repeater coordination info. Information: http://www.wi-repeaters.org.

Watertown
WATERTOWN AMATEUR RADIO CLUB Meetings: First Thursdays of month, 7 p.m., Room S-114 of the Watertown High School, 825 Endeavour Drive, Watertown, WI 53098 at 7:00 PM on the first Thursday each month.

Waupaca
WAUPACA AMATEUR RADIO CLUB CQ First Tue. Social gathering and Dutch treat luncheon, King's Table, King, WI, on Highway QQ, just south of Highways 10 and 54, west side of Waupaca. Gather at 11 to 11:30. Order at noon. Club business transacted. CQ Third Fri. Social gathering and Dutch treat dinner. Semi-formal, OM and XYL, at one of the better supper clubs in the area. Check: Waupaca 147.39 nets at 8 a.m. or 8:50 p.m. for month's meeting location.

Wausau
WISCONSIN VALLEY RADIO ASSOCIATION Meetings: 7:00 pm the first Tuesday of the month except for July. The meeting location is the Marshfield Clinic, Wausau Center. Talk in is on 147.135 + PL 114.8. Website is www.wvraclub.org.

West Allis
West Allis Radio Amateur Club Second Tuesday of each month at 7:30 p.m. St. Peter's Episcopal Church, 80th and Lincoln Ave., West Allis. Meetings in basement. Entrance at rear, off alley. Handicapped accessible. www.warac.org.

West Bend
WASHINGTON COUNTY AMATEUR RADIO CLUB Meetings: Second Saturday of each month at 8:30 am. Location is the Polk Town Hall, Highway 60 west of Jackson. For more information, call Mike, N9JIY at 262-627-0519, or inquire via the 146.730 with Echolink (K9SK) repeater.

Wisconsin Rapids
WISCONSIN RAPIDS AMATEUR RADIO CLUB Meetings are on the third Wednesday of each month and are held at the McMillan Memorial Library located on the corner of Lincoln St & E. Grand Ave. in Wisconsin Rapids, unless otherwise notified. The meetings start at 6:30 PM and end by 8:00 PM.

# Wisconsin Section STM Report

*(Continued from page 4)*

credit.

Net controls during the FD period will be asked to handle the traffic as quickly as possible, so you won't lose much operating time. So schedule some net operation during your Field Day. Bring your messages. Our nets will be ready for them.

73 – K9LGU/ STM-WI

***** NEW DAY AND DATE *****

## SWAPFEST '08

**South Milwaukee Amateur Radio Club, Inc.**

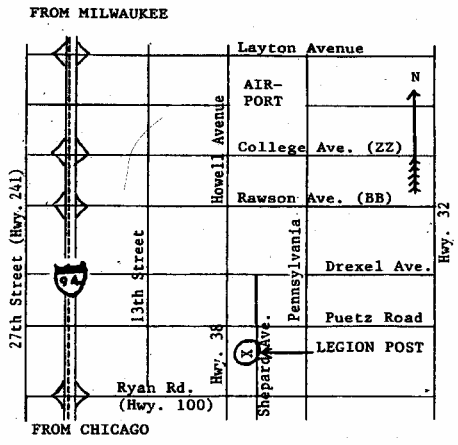
**→ SUNDAY, JULY 6, 2008 ←**
**6 AM**

**American Legion Post 434**
**9327 South Shepard Avenue, Oak Creek, WI**
**Tickets $5.00**
***Food and beverages available starting at 6 AM***

**Talk-in Frequency = 146.52 (WA9TXE)**

**For more information: Phone = (414) 762-3235 Email = ryatex@aol.com**

**$100 Door Prize at Noon** *(you need not be present to win)*




****** CLUB AUCTIONS ******
**1st Wednesday in March — 6 PM Upper Legion Building**
**1st Wednesday in October — Mark your calendars!!!**

# Monthly Business Meeting Minutes
# Racine Megacycle Club, W9UDU

The regular business meeting for the Racine Megacycle Club was called to order by Vice-President Cathy Markstrom, KC9EOW at 7:30 PM local time on Monday April 14, 2008.

The meeting began with introductions of all the members present.

The treasurer's report was given by Jim Conner, KC9KMZ. A motion to accept the report, subject to audit was made by Dave Voss, WB9USI and Seconded by Roger Gower, KC9LBU. The motion carried.

A motion to accept the secretary's report as published on the W9UDU online BBS was made by Dave Voss, WB9USI and Seconded by Bob Frederiksen, KB9ZAF. The motion carried.

New Business

Vice-President Cathy Markstrom, KC9EOW opened the floor for discussion regarding an offer by the Volunteer Center of Racine County, Inc to enter in to a memorandum of understanding between our two organizations. A memorandum of understanding could benefit both organizations. The Megacycle Club could benefit from the Volunteer Center's status as a 501c3 and also their insurance. This was a preliminary introduction to the subject and there was no business to vote on regarding this at this meeting.

Unfinished Business

Bob Frederiksen, KB9ZAF gave an update on the plans for a Megacycle Club sponsored no-fee hamfest in 2008. The ham fest would be at Firemen's Park in Sturtevant. The grounds would have room for up to 100 cars and could be held in Later August or September rain-or-shine.

Dave Voss, WB9USI mentioned there was a severe weather training session presented by the National Weather Service to be held at Gateway Technical College on Tuesday. The course would start with the basic training and be immediately followed by the advanced course.

*(Continued on page 8)*

*(Continued from page 7)*

Dave Voss, WB9USI also mentioned that volunteers were needed for the Emergency Siren test at 1:00PM on Thursday the 24th.

Jim Markstrom, KB9MMA gave us an update on Field Day activities this year. The Megacycle Club will be working together with the Racine County Amateur Radio Emergency Service. The site will be at the Racine County Convention and Visitor's Bureau 14015 Washington Avenue - Sturtevant, WI 53177 Just west of I-94 on Hwy 20 (Exit 333) over the 24-hour period on June 26th and 27th. People are needed to contact local business for donations or sponsorship.

Announcements

Dave Voss, WB9USI informed the club that club member Jim Markstrom, KB9MMA was presented with the Hero Award from the Volunteer Center of Racine County.

Jim Markstrom, KB9MMA is looking for volunteers to help with the MC-200 relay race between Madison and Chicago. Hams are needed at the various transfer stations in Racine County on June 6th and 7th from 11:00 PM to 8:00 AM when the race passes through the county.

Adjournment A motion was made by Dave Voss, WB9USI to adjourn and was seconded by Paul Giannoni, KC9MBG. The motion carried and the meeting was adjourned at 8:06PM

The membership then went on to listen to a presentation on electrical safety given by We-Energies.

Notices:

Fox Hunt The next Fox Hunt will be Friday April 18, 2008 at 7:30 PM. Participants will meet at the west end parking lot at Regency Mall.

Meeting Notice The next monthly meeting of the Racine Megacycle Club will be Monday May 12th at 7:30pm at the Red Cross Building 4521 Taylor Avenue in Racine.

Meeting Program Preparations for the 2008 Field Day which will be held June 28th and 29th at the Racine Country Convention and Visitors Bureau in Ives Grove (HWY 20 & I-94)

Ham Radio Exams The Racine/ Kenosha American Radio Relay League [ARRL] Volunteer Examiner [VE] team will conduct examinations for Federal Communications Commission [FCC] Amateur Radio Licenses at:

Faith United Methodist Church
1013 Harmony Drive
Racine, WI
9:00 AM to 11:00 AM
May 3rd, 2008

If you will be upgrading your existing license, you should have with you; Your FCC issued license and two photocopies of your license. Also be sure to bring with you any additional Certificates of Successful Completion [CSC] plus two photocopies of each the CSCs you may have.

All applicants will need to furnish photo identification (two forms of ID are required).

Cost of the examination is $14.00

For more information on examinations or becoming a VE, contact Bob Frederiksen, KB9ZAF at (262) 637-6588.

For scheduling a special testing session for classes or groups, please contact Bob at least 1 month prior to the requested exam date.

Respectfully Submitted Alexander Voss, N9RGX Secretary Racine Megacycle Club


# BADGER STATE SMOKE SIGNALS CD ROM—NOW AVAILABLE

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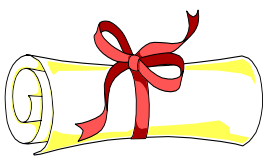
**City:** _____ **State:** _____ **ZIP:** _____

**E-mail address:** _____

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**Send me my BSSS by mail** ☐
**Send me my BSSS by both** ☐

**Send to:**
**Kenneth A. Ebneter**
**822 Wauona Trail,**
**Portage, WI 53901**

# The Test Point



Amateur Radio Examination Locations and Schedules in the Area

| | |
|---|---|
| June 01, 2008 | Marshfield, WI |
| June 07, 2008 | Madison, WI |
| June 07, 2008 | St. Paul, MN |
| June 12, 2008 | Apple Valley, MN |
| June 14, 2008 | Appleton, WI |
| June 14, 2008 | Blaine, MN |
| June 14, 2008 | Oshkosh (Omro), WI |
| June 19, 2008 | Iron River, MI |
| June 21, 2008 | Rockford, IL |
| June 28, 2008 | Tomahawk, WI |
| July 05, 2008 | Madison, WI |
| July 05, 2008 | St. Paul, MN |
| July 10, 2008 | Apple Valley, MN |
| July 12, 2008 | Blaine, MN |
| July 12, 2008 | Oshkosh (Omro), WI |
| July 17, 2008 | Iron River, MI |
| July 19, 2008 | Rockford, IL |
| July 26, 2008 | Milwaukee, WI (MRAC) |
| July 26, 2008 | Tomahawk, WI |
| August, 02, 2008 | Madison, WI |
| August, 02, 2008 | St. Paul, MN |
| August, 09, 2008 | Blaine, MN |
| August, 09, 2008 | Oshkosh (Omro), WI |
| August, 14, 2008 | Apple Valley, MN |
| August, 16, 2008 | Rockford, IL |
| August, 21, 2008 | Iron River, MI |
| August, 30, 2008 | Tomahawk, WI |
| September, 06, 2008 | Madison, WI |
| September, 06, 2008 | St. Paul, MN |
| September, 11,2008 | Valley, MN |
| September 13, 2008 | La Crosse, WI |
| September, 13, 2008 | Blaine, MN |
| September, 13, 2008 | Oshkosh (Omro), WI |
| September, 18, 2008 | Iron River, MI |
| September, 20, 2008 | Rockford, IL |
| September, 27, 2008 | Milwaukee, WI (MRAC) |
| September, 27, 2008 | Tomahawk, WI |
| November 08, 2008 | La Crosse, WI |
| | |
| Monthly, 1st Sat. | Madison, WI |
| Monthly, 1st Sat. | St. Paul, MN |
| Monthly, 2nd Thu. | Apple Valley, MN |
| Monthly, 2nd Sat. | Blaine, MN |
| Monthly, 2nd Sat. | Oshkosh (Omro), WI |
| Monthly, 3rd Thu. | Iron River, MI |
| Monthly, 3rd Sat. | Rockford, IL |
| Monthly, Last Sat. (Except Mar., Jun., Aug., & Dec.) | Milwaukee, WI (MRAC) |
| Monthly, Last Sat. (January thru October only) | Tomahawk, WI |

GENERAL RULES FOR MOST EXAMINATIONS:

Be sure to check with sponsors before going to an examination session. There may be changes and/or errors in the dates or information given. Some examinations require filing an FCC or NCVEC Form 605 and advance registration at least 30 days before the exam date. Some VE teams permit walkins. Check with the sponsor.

Many hamfests and swapfests offer examinations. A Hamfest entrance fee should not be charged if you come only to attend the examination. To register in advance, you must get a copy of the current FCC Form 605, and fill it out completely and correctly. Get your form from the FCC as instructed below, or from the American Radio Relay League, 225 Main Street, Newington, CT 06111. Please send an SASE if you request a form from the League. FCC Field Offices seldom stock forms. You can also get a form from

http://www.fcc.gov/formpage.html
or
ftp://ftp.fcc.gov/pub/Forms/Form605.

A form by FAX is available at (202) 418-0177 (request Form 000605). The FCC Forms Distribution Center will accept orders at (800) 418-3676. Form 605 has a main form, plus a Schedule D with two parts (for Vanity and Physician's Certifications). Forms can also be obtained from the sponsoring group.

See QST, W1AW bulletins, or The ARRL Letter regarding any annual exam fee changes. Test fees: The ARRL/VEC has set its 2007 test fee at $14.00. FCC requires applicants to show their original amateur license or CSCE to the VE team. You must also have a good copy of your license or CSCE. A copy of your license or CSCE must be attached to your FCC form 605 and most VE teams need a copy for their records. One good CSCE copy is sufficient. You are also be required to have a photo ID, or two other forms of ID. Contact the VE team for details.

Technician class licensees must show proof of testing before March 21, 1987, in order to upgrade to General. Proof must be either in the form of a pre-3/21/87 license document or a "Letter of Verification of Technician License Held Prior to 1987" as requested in writing from the FCC, 1270 Fairfield Road, Gettysburg, PA 17325-7245. For those with internet access, a listing of exam sessions is available from:

http://www.arrl.org/arrlvec/examsearch.phtml

By checking this page, you can find registered VE sessions anywhere in the US and some overseas. You can search by country, state or zip code. The listing is not specific to any particular VEC. It is a master database. Thanks to Bart Jahnke, W9JJ, ARRL/VEC.

Adams, WI

Adams City Fire Dept., 101 N. Main St., Highway 13, Adams, WI. Contact Edward J. Wagner (608) 584-4858. ab9fn@yahoo.com

Appleton, WI

Fox Cities ARC (ARRL/VEC) All regular test sessions are held at the American Red Cross Building, 1302 East Wisconsin Ave. in Appleton. Testing starting at 8 a.m. No walkins after 9 a.m. For information, contact George R. Croy, W9MDP, 2113 Twin Willows Drive, Appleton, WI 54914. (920) 730-0967. Email: w9mdp@arrl.net.

Eau Claire, WI

Eau Claire Amateur Radio Club. Grace Lutheran Church, 202 W., Grand Ave. Enter off 2nd Avenue entrance, Eau Claire, WI

Technician, General and Extra Class exams. Walkins welcome. Examination session coordinator: Jonathan E., Case, (715) 834-1540. www.ecarc.org. w9eau@ecarc.org.

Fond du Lac, WI

Fond du Lac ARC (ARRL/VEC). Community United Methodist Church, 701 Minnesota Ave., North Fond du Lac. 9:00 a.m. Walk-ins allowed. Contact: Douglas J. Schultz, 920-922-3088, n9ezf@fdlhams.org

Iron Mountain, MI

Sponsor: W5YI VEC. Time: 9:00 AM (Walk-Ins Allowed). Contact: Mark J Lewis, (906)774-6598. VEC: W5YI VEC. Location: Dickinson County Library, 401 South Iron Mountain St., Arrival Time: 9:00 AM. Conference Room, Iron Mountain, MI 49801

Iron River, MI.

Sponsor: Iron Range ARA (IRARC). Time: 6:30 PM (No walk-ins). Contact: Dan R Waters, (906)265-4240. Email: dmwaters@ironriver.tv VEC: W5YI VEC. Location: Iron River Lutheran Church, Across From Mc Donald's. Pre-Registration Required. If no applicants - No testing. Iron River, MI 49935

Janesville, WI

Saint John Lutheran Church, Conference Room, 292 N. Parker Drive, upper parking entrance. Janesville, WI. Contact Scott A. Fry, (608) 449-8513. e-mail: radarkilowatt@aol.com

La Crosse, WI (ARRL/VEC).

Sponsor: Riverland Amateur Radio Club Location: American Red Cross-2927 Losey Blvd. LaCrosse, WI Time: 9:00a.m. (Walk-Ins OK) Contact: Roger Reader 608-783-0723 readers@centurytel.net.

Madison, WI

The Madison Wisconsin, Four Lakes Amateur Radio Club-sponsored VE testing has moved to the new University of Wisconsin Space Place, 2300 South Park Street, lower level, Madison, WI in the Villager shopping center complex. Exams are given the first Saturday of the month, from 8:00 AM to 10:00 AM, no appointment is necessary. Questions may be directed to Carolyn Kammen, NQ9A at 608-246-0225 (home phone) or sent to NQ9A@arrl.net.

Marshfield, WI

Sponsored by the Marshfield Area ARS. 6:00 p.m., walk-in allowed. Saint Joseph's Hospital, 611 Saint Joseph Ave., Room 124, Hospice South Bldg., Marshfield, WI 54449. Contact: Richard L. Nesbitt, (715)384-3489. Email: Nesbit@charter.net

Mauston, WI

Location is the Mauston City Hall, from 9am - noon. Holding testing sessions here quarterly for all elements. Walk-ins always welcomed and Talk-in via the 146.850 (pl 123.0) repeater. The contact person is myself dave@n0trq.com or 08-548-2271. Sponsored by Juneau County Amateur Radio Club (JCARC).

Menomonie, WI (ARRL/VEC)

Sponsored by the Dunn County Area Amateurs Location: University of Wisconsin, 121 10th Avenue, UW Stout Millennium Hall, NW Entrance, Menomonie, WI 54751. Time: 9:00 AM (Walk-ins allowed). Contact: James L. Guenther, (715)232-2625. Email: guentherj@uwstrout.edu

Menominee, MI

Marinette-Menominee Amateur Radio Club. Location: The cafeteria of Bay Area Med Center, US-41 in Menominee. Building located next to KFC just off the Interstate Bridge. All classes given. Advance notice preferred, but not required. Test fee is $10 with two pieces of identification required. Contact Jeff Rymer, N9PQU at jrymer@eznet.com or Ed Engleman, KG8CX, at dxer@cybrzn.com. We will monitor the 147.000 (107.2 pl) repeater in event further directions or info is needed.

Merrill, WI

Merrill Amateur Radio Group. 3:15 p.m. (Walk-ins allowed). Contact: Myron J. Oestreich (715) 355-6902 e-mail: kb9stb@margdx Location: Gail's Place, n4090 Cth. K, Lincoln Center Banquet Hall.

Milwaukee, WI

The Milwaukee Radio Amateurs' Club VEC holds test sessions on the last Saturday, except in March, June, August, and December. In addition, we test for one morning during the West Allis RAC Swapfest in January and at Superfest in April. All sessions except WARAC swapfest are held from 9:30 a.m. to 11:00 at Amateur Electronic Supply, 5710 W. Good Hope Rd., Milwaukee. Watch for signs directing you to the session room. West Allis RAC Swapfest session is held at AMF lanes across the street from the Waukesha Expo. We usually start earlier; contact VEC for more info.

Bring along your original license or CSCE (if any), and one good quality photocopy of each, plus a form of identification (driver's license is fine). Exam fee is $5.00; walk-ins are welcome. Contact: Tom Fuszard at 262-789-7975 or tom@supremecom.biz.

Negaunee, MI. Sponsor: HIAWATHA ARC. Time: 8:00 AM (Walk-ins allowed). Contact: Richard E Schwenke, (906)249-3837, Email: n8gba@chartermi.net VEC: ARRL/VEC. Location: Health Dept Bldg (Downstairs), 184 US 41 E, Entrance @ Back of building. Negaunee, MI 49866

Oshkosh, WI (Omro)

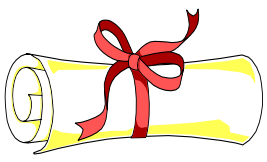
Oshkosh VE Team Amateur Radio exams monthly on the second Saturday. Registration begins at 8:30 a.m. and exams will be given from 9 a.m. until noon. Omro Community Center, 130 W. Larrabee, Omro, WI. Walkins welcomed. Bring a good quality photocopy of your original license and any other necessary documents such as a CSCE, etc. The first session will be through W5YI/VEC, and then sessions will alternate between ARRL/VEC and W5YI/VEC. The exam fee is $6.65. For more information, please call Dick Lemme, K9FA, at (920) 235-0987, e-mail: lemme@vbe.com, or write Dick at 826 Jefferson Street, Oshkosh, WI 54901.

Portage, WI

10:30 a.m. Portage Public Library, 253 W Edgewater St., Portage, WI. Contact Ed

*(Continued on page 10)*

# The Test Point



Amateur Radio Examination Locations and Schedules in the Area

*(Continued from page 9)*

Wagner, (608) 584-4858. e-mail: ab9fn@yahoo.com.

Racine, WI

ARRL VEC Monthly - first Saturday, except January, July, and August. Monthly exams are given 9 to 11 a.m. at the Faith United Methodist Church, 1013 Harmony Drive, Racine. Walk-ins are permitted. Talk in on 147.87/.27. Inquiries and registrations should be directed to Robert M. Frederiksen, (262) 637-6588. e-mail: kb9zaf@arrl.net.

Rockford, IL

Northern Illinois Volunteer Examiners (W5YI VEC) Third Saturday of every month. 9:00 a.m. to noon. No new applicants after 11:00 a.m. Walkins welcome. Held at St. Anthony Hospital, 5660 E State St., Rockford, IL. Contact: Randy Scott, W9HL, W9HL@ARRL.NET (815-877-4328).

Sheboygan, WI

Sheboygan County ARC (ARRL/VEC). Exams are held in the Red Cross Building, 2032 Erie Avenue, Sheboygan, WI. The test areas are handicap accessible with signage posted to direct candidates to the proper area of the building. Walk-ins are accepted, however notification ahead of time of your intention to appear would be appreciated. Contact: Art Pahr K9XJ, 920-876-2370. N8029 Willow Road k9xj@arrl.net Plymouth, WI 53073-2929

Tomahawk, WI

Tomahawk Repeater Association ARRL/VEC team. Last Saturday of every month January thru October. Registration at 8:30, testing at 9:00 a.m. at Sacred Heart Hospital, 401 W. Mohawk Dr., Tomahawk. Contact Diane Lodge Hamman, KA9BHK, 145.43 MHz or telephone 715 453-3908.

St. Paul, MN

Saint Paul Radio Club (SPRC) First Saturday of the month. Site: Roseville City Hall, 2660 County Road C, NW Corner County Road. C & Lexington Ave., Roseville MN 55101. Time: 8:30 AM (Walk-ins allowed) Contact: David M Buending, (952)486-0836, Email: AD2B@ARRL.NET, VEC: ARRL/VEC.

Washington Island, WI

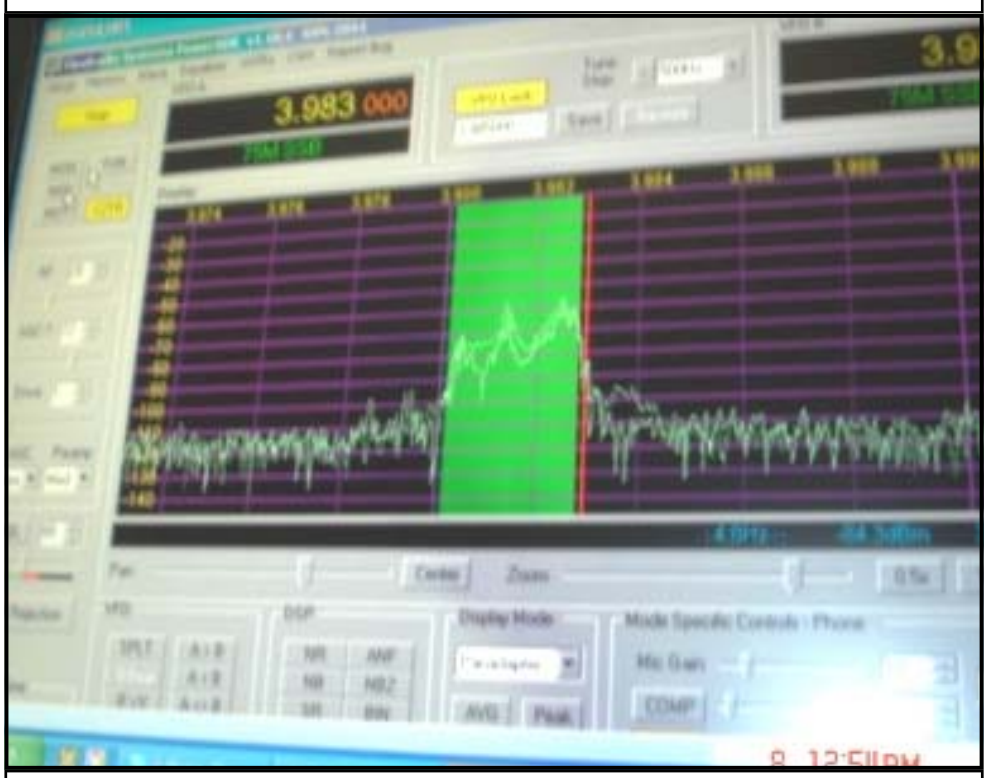
Contact: John W. Van Sandt, (217) 826-8821. n9yrx@hotmail.com

Waukesha, WI (Milwaukee VEC)

Sponsor: West Allis Radio Club Swapfest, Time: 9:00 AM (Walk-ins allowed. Contact: John G. Kraak, (262)548-9585. Email: jkraak@wi.rr.com. Location: AMF Waukesha Lanes, across from Waukesha EXPO, Waukesha, WI 53186

Wausau, WI.

Sponsor: WVRA. Time: 8:00 Walk-ins allowed). Contact: Gerald L. Graebel, (715) 42-9542. VEC: ARRL/VEC. Location: Martech Systems, 614 N. 3rd Ave, Wausau, WI 54401. Parking in rear of building.




Computer screen showing Software Defined Radio

# THE BADGER EMERGENCY NET GOES INTERNATIONAL

*(Continued from page 1)*

[skype] for our sound which is very clear and very good reception on this end on the computer. We took this one step further when K9PIQ was in Mich., with his laptop; I WD9FRI was still able to run the Badger Emergency Net through Mich to a transmitter in Mequon. While I'm still in Palmyra. I told K9PIQ I was going to Guatemala for two weeks, lights went on and I put the ICON for the Software Define Radio on a flash drive to take with me. I WD9FRI ran the Badger Emergency Net on a computer in the Office of the Dona Luisa QTH Antiqua Guatemala March 8, 2008 and also March 15, 2008. Both nets were very successful. A First for the Badger Emergency Net Yes we as NCS went international For the Badger Emergency Net. All our Thanks for this great idea go to K9PIQ Tom in Mequon, Wis.

Thomas Wheeler, WD9FRI

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When K9PIQ and WD9FRI fist started working with the SDR on the BEN from Palmyra, we all listened and gleaned what we could from their combined efforts as Net Control. A few of us made comments to help work out the very few glitches that existed. Little did we know that in a short time, they would be expanding their project as they have described. When Tom, WD9FRI told us on the net that he was intending to operate his remote station from Antiqua, Guatemala, I was excited to say the least! For the two nets run from Antigua, we had a number of check in stations that commented on how good the audio was. And in fact most of stations on the BEN did not sound as good as the WD9FRI/K9PIQ station! My congrats to both Toms (WD9FRI, K9PIQ) for a valuable experiment in this SDR project. I'm not sure if its ever been done before (a traffic NCS) but I for one am very proud to have witnessed and took part in it. To close I'd like to say that Tom (WD9FRI) has raised the bar for dedication and experimentation as a Net Control. Thanks again to both K9PIQ and WD9FRI for their efforts.

73, Wayne Pennings, WD9FLJ
Badger Emergency Net Manager



Tom wheeler in Guatemala as NCS

## WISCONSIN SECTION STATION ACTIVITY

*(Continued from page 4)*

| | | | | | |
|---|---|---|---|---|---|
| W9UW | 0 | 24 | 6 | 1 | 31 |
| K9FHI | 0 | 0 | 30 | 0 | 30 |
| KB9KEG | 3 | 24 | 3 | 0 | 30 |
| W9RSX | 0 | 3 | 16 | 2 | 21 |
| K9GU | 0 | 0 | 21 | 0 | 21 |
| KB9ROB | 0 | 13 | 4 | 3 | 20 |
| KN9P | 0 | 1 | 4 | 1 | 6 |
| W9PVD | 0 | 0 | 1 | 0 | 1 |

# *Yellow Thunder Amateur Radio Club*

WB9FDZ (Original Club Call)
K9ODK (Robert L. Prine Memorial Call)
Club net: Sundays 8:00 p.m. on 147.315
Richard K. Plouffe, N9ROY, Secretary
P.O. Box 641, Lake Delton, WI 53940
YTARC Home Page: http://yellowthunder.org

## Tuesday April 1, 2008

(No Fooling!)

Meeting was called to order at 8:00 p.m. by president Steve Schulze, N9UDO after Jane Steinweg, KC9NGI and Mike Hoier, KA9PSL came in with their applications and dues, thus making a quorum.

The treasurer's report was read and approved as presented. There are presently 55 current paid members, 12 have not renewed as of yet and KC9NGI Jane whose license is about two weeks old. Jane, welcome to the club and ham radio.

Tom, N9PQJ moved to accept the minutes as written, Brad KB9VMC seconded. Motion carried.

Steve reported on the Wisconsin QSO party held at his house. They had 3 HF and 1 VHF station operating with lots of good refreshments flowing and food to consume.

May 17 is the annual Boy Scout event at the fairgrounds. The club hopes to have HF and VHF/UHF running. Also there is the possibility of another balloon launch.

This year field day is June 28 & 29.

Tom, N9PQJ moved to reimburse Brad, KB9VMC for expenses incurred for the two club sponsored balloon flights. Those were at last years Boy Scout event and at the Swapfest. Brad has about $260 invested in balloons and in the hydrogen that he drives to Madison to get. Jane KC9NGI seconded the motion. Motion carried.

Members then looked through photos of club activities from back in the 60s and 70s including photos of the YTARC sponsored ARRL conventions that were held at the old Dellview resort.

The meeting adjourned at 8:42 p.m.

Respectfully submitted:
Don Evenson, K9JYX

Present were:
Steve, N9UDO
Tom, N9PQJ
Brad KB9VMC
Don, K9JYX
Jane, KC9NGI
Mike, KA9PSL

## Tuesday, May 6, 2008

Meeting called to order by President, Steve Schulze, N9UDO at 7:30pm.

Old business:_ Tom, N9PQJ moved to accept the April minutes as printed. Second by Wayne, W9YYZ. Carried.

Don, K9JYX gave the treasurer's report. Gary, W9ULK moved to accept, with a second by Bill, N9NNN. Carried.

Steve reminded everyone about the boy scouts Circus Heritage Days coming Saturday, May 17 at the Fairgrounds. They are going to try and launch a balloon depending on winds. Also a VHF station and an HF station will be operating.

New Business:_ Field day is coming on June 28 & 29. Set up Friday evening before. You can camp if you want to. GOTA station was also discussed. Everyone is welcome and this is a chance for the Technician Class people to operate HF.

Sunday night YTARC net was brought up for discussion. It was suggested that net control consistently run roll call at 8:00pm then proceed with the news programs or other traffic. This gives every one a chance to check in and know what will be happening.

May 10 the Sauk County ARES group is sponsoring a fox hunt with a picnic to follow at Prairie du Sac. All interested parties should meet at the Baraboo High School at 1:00pm for rules and forming of teams. Coordination will be on the YTARC repeater.

At the next meeting Steve and Brad will bring the videos of the Richland Center balloon flight that ended up on the eastern shore of Lake Michigan.

A discussion ensued on other meeting topics but no decisions were made.

Meeting adjourned at 8:17pm.

Respectfully submitted,
Don Evenson, K9JYX

Members present:
Don, K9JYX
Steve, N9UDO
Wayne, W9YYZ
Tom, KC9NJP
Bill, N9NNN
Jane, KC9NGI
Mike, KA9PSL
Tom, N9PQJ
John, N9VWI
Gary, W9ULK
Sandy, W9SKE
Dave, KB9CSW
Brad, KB9VMC

## Announcing Madison Amateur Radio Group

http://groups.yahoo.com/group/illinoisdigitalham/

The Madison Amateur Radio Yahoo Group is dedicated to promoting closer communication and sharing of amateur radio knowledge & technique among fellow amateur radio enthusiasts.

The goals of the Madison Amateur Radio Group are:

To provide an efficient means of disseminating amateur radio news, announcements, and event information;

To promote the activities, newsletters, events, and meetings of ALL participating radio clubs including on-the-air nets;

To encourage better communication and coordination among local radio clubs;

To foster positive discussions of news and topics relating to amateur radio, including but not limited to, Dx-ing, contesting, digital modes & technology, home brewing, antennas, portable operation, satellite communication, fox hunting, and other Amateur Radio topics;

To share information about amateur radio related electronic issues, problems, troubleshooting tips, work-arounds, and fixes among its members, and;

To provide a forum fostering improved operating techniques.

Membership is free and open to licensed Amateurs. Postings by other Amateur Radio Clubs announcing meetings, activities or other events are encouraged.

There are several Links & Files about local clubs, operating events & nets.


- Twelfth Annual -

**CIRCUS CITY SWAPFEST**

Sponsored by:
Yellow Thunder Amateur Radio Club, Inc.

**Ham Radio, Computer & Electronics Extravaganza!**

**SATURDAY, AUGUST 9, 2008**

**8:00AM UNTIL 1:00PM**

*Sauk County Fairgrounds - Baraboo, Wisconsin*

**Vendors - Tail-Gate Area - Concessions**

**Free Parking - Camping - Door Prizes**

Admission $5 - 8 Foot Tables $5 Each - Set-up 6:00AM

**Grand Prize Giveaway - ICOM IC-T90A**

**Must be present to win - Must hold a valid amateur radio license - Non transferable**

VE Testing
10:00AM

Talk-In
147.315 Repeater
+.600 input w/123.0 PL
WB9FDZ

The Sauk County Fairgrounds is located on highway 33, on Baraboo's far east side.

From I-90/94: *Take exit 106 (Hwy. 33) west to Baraboo.*
From Hwy. 12: *Take Hwy. 33 east at the Kwik-Trip in West Baraboo.*

For more information contact: *Steve, N9UDO at (608) 356-2313 or n9udo@yellowthunder.org*
Visit us on the internet: *www.yellowthunder.org*

For Advance Tickets, Send Check, With A Self Addressed, Stamped, **Business-Sized Envelope** to:
Yellow Thunder A.R.C., 1120 City View Road - Baraboo, WI 53913

Company Name:_____ Phone #:_____
Contact Person:_____ Call Sign:_____
Address:_____ E-MAIL:_____
City:_____ State:_____ Zip:_____
No. Of Tickets:_____ X $5.00=_____ Electricity Required? Y / N
No. Of Tables:_____ X $5.00=_____ Total Amount Enclosed=_____

# Buy it! • Sell it • Trade it • Fix it

## SWAPFESTS




2004 WINNER
Nicholas Luther, K9NL
Oshkosh, WI.

**34th ANNUAL MIDWINTER**
**SWAPFEST**
**WAUKESHA EXPOSITION CENTER**
**WAUKESHA, WISCONSIN**
**SATURDAY**
**JANUARY 03, 2009**

*Both sponsored by:*
*THE WEST ALLIS RADIO AMATEUR CLUB, INC.*
*P. O. BOX 1072 · MILWAUKEE, WISCONSIN 53201*

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*HAM IT UP EVERY SPRING!*
**MADISON SWAPFEST**
**Mandt Community Center**
***APRIL XX, 2009***
**400 Mandt Parkway Stoughton WI**
**Doors open at 8 a.m.**
**Sponsored by MARA/W9HSY**
P. 0. Box 8890 Madison, WI 53708-8890
Swapfest Information Line. (608) 245-8890

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**SOUTH MILWAUKEE AMATEUR RADIO CLUB**
**SWAPFEST 08**
**SUNDAY, JULY 06, 2008**
(Held every July)
***American Legion Park***
***Shepard Avenue • Oak Creek, WI***
(414) 762-3235, Ask for Verne
P.O. Box 102, South Milwaukee, WI 53172
e-mail ryatex@aol.com

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**Ozaukee Radio Club**
**HAM RADIO AND COMPUTER SWAPFEST**
**SEPT. 06, 2008**

Sept. 06, 2008. ORC outdoor swapfest. Fireman's Park, Cedarburg, WI. Contact: Tom Ruhlmann, W9IPR, (262) 377-6945 Admission is $5.00 at the gate. No tables to rent. Sell from the back of your vehicle. For current information go to: www.ozaukeeradioclub.org

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**The Chicago FM Club presents**
**RADIO EXPO 2008**
**SEPTEMBER , 13-14, 2008**
**Boone County Fairgrounds**
**Rts. 76 and Business 20, Belvidere, Illinois**
**Free parking • Amateur Exams • Talkin 146.16/76**
**Info Voice mail and FAX: (708) 457-0966**
**http://www.chicagofmclub.org**
**5127 N. Monterey Dr., Norridge IL 60706-3242**

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**TRI-COUNTY ARC PRESENTS**
**HAMFEST 2009**
**March XX, 2009**
**YOUR SPRING FAVORITE !**
**www.cmdline.com/tcarc/**
**TCARC 213 Frederick St (920) 563-6381**
**Fort Atkinson, WI 53538 Evenings**

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**SOUTH MILWAUKEE AMATEUR RADIO CLUB**
**AUCTION**
**Amateur Radio, Computers & Electronics**
**Wed. OCT. 01, 2008, 6:00 p.m.**
***American Legion Post 434***
***Shepard Avenue • Oak Creek, WI***
(414) 762-3235, Ask for Verne
P.O. Box 102 , South Milwaukee, WI 53172
e-mail: ryatex@aol.com

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**Circus City Swapfest**
**Sponsored by** the Yellow Thunder Amateur Radio Club
August 9, 2008 • 7 am—Noon
**Sauk County Fairgrounds • Baraboo, WI**

| | |
|---|---|
| Vendors • Concessions<br>Camping • Free Parking<br>Tail Gate Area | $4.00 — Advanced<br>$5.00 — At Gate<br>$5.00 — 8 foot tables |

Steve Schulze, N9UDO • Bill Klinkner, N9KXX
(606) 356-2313 • (608) 643-6908/643-6453
http://www.qsl.net/ytarc/hamfest.htm,

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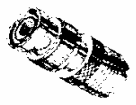
**The Milwaukee Repeater Club presents**
**AMATEUR RADIO FEST 2008**
**NOVEMBER XX, 2008**
**5555 W, Good Hope Road, Milwaukee, WI**
**Elks Lodge, Across from AES**
**For more information, see:**
**http://www. mrc91.org**
**e-mail mrc@mrc91.org**
**or call (414) 526-7011**

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# ELMER

by Rich Regent, K9GDF

